

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. PS0336	SERIAL NO. 553381 To be assigned
	APPLICANT Rolf Servin, et.al.	
	FILING DATE To be assigned	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,685,106	08-1987	Miller, et.al.			
	5,189,370	02-1993	Kolem, et.al.			
	2001/0041834	11-2001	Mugler, et.al.			
	2002/0006382	01-2002	Drieuys, et.al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	00/40988	07-2000	WO				
	01/96895	12-2001	WO				
	01/067955	09-2001	WO				
	2004/011899	02-2004	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Bajaj, V.S., et.al. "Dynamic Nuclear Polarization at 9T Using a Novel 250Ghz Gytron Microwave Source" Journal of Magnetic Resonance, Academic Press, Orlando, FL, vol 160, no. 2 Feb. 2003, pages 85-90
	Wind, R.A. et.al., "Solid Materials Research with NMR and Dynamic Nuclear Polarization Spectroscopy" Advance in Chemistry Series, American Chemical Society, Washington, DC, vol. 229, 1993 pages 45-63
	Lycon, CE, et.al., "Two-dimensional 15N-1H Photo-DICNP as a Surface Probe of Native and Partially Structured Proteins" Journal of American Chemical Society, American Chemical Society, Washington, DC, vol. 121, 1999 pages 6505-6506
	Zhao, L., et.al. "Hyperpolarized 129Xe T2 and Diffusion Measurements for Fast Spin-Echo MRI" Proceedings of the International Society for Magnetic Resonance in Medicine, 6yh Scientific Meeting and Exhibition, Sydney, Australia, 18-24 April 1998, page 451
	Sobering, GS, et.al., "Optimization of Acquisition Parameters for Multi-Shot Hyper-Polarized NMR: Variable Flip Angle Excitation" Proceedings of the Society of magnetic Resonance 3 rd . Scientific Meeting and Exhibition and the European Society for Magnetic Resonance in medicine and Biology 12 th . Annual Meeting and Exhibition (Held Jointly), Nice, Aug. 19-25, 1995 page 687

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	Frydman, L., et.al., "Non-Cartesian Sampling schemes and the Acquisition of 2D NMR Correlation Spectra from Single-Scan Experiments" Chemical Physics Letters, vol. 220, 1994 pages 371-377
	Int'l Search Report and Written opinion for PCT/EP2004/003864 dated 08-2004
	Int'l Preliminary Examination Report for PCT/EP2004/003864 dated 03-2005
	GB 0308586.7 Search Report dated 01-2004

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